

MEDICAL OFFICER'S REPORT.

MOORSIDE,

LITTLE HULTON,

March 23rd, 1910.



To the Chairman and Members of the

LITTLE HULTON DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to submit to you my Thirteenth Annual Report on the Health and Sanitary Condition of the Little Hulton Urban District for the year 1909 :

Area of District in Statute Acres	...	...	1,699
Total Population of all Ages	...	...	7,294
Number of Inhabited Houses	...	...	1,683
Average Number of Persons per House	...		4.9

Births registered during the year were 205 (106 males, 99 females), an increase of 12 on last year, and equal to a rate of 28.1 per 1,000 of the estimated population. The average rate for the past ten years was 28.9.

Deaths in the district numbered 97 (51 males, 46 females), 6 less than last year, corresponding to a rate of 13.2 per 1,000, as against 14.1 last year. The average rate for the past ten years was 14.2.

Increment of Life, viz., the excess of Births over Deaths was 108 (55 males, 53 females), an increase of 18 as compared with 1908.

Age of Death, in Groups :

Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
16	14	3	5	34	25

Causes of Death were:—Four to “Measles,” two to “Diphtheria,” one to “Epidemic Influenza,” two to “Diarrhœa,” three to “Enteritis,” three to “Gastritis,” one to “Erysipelas,” eight to “Phthisis,” four to other “Tuberculous Diseases,” nine to “Cancer,” eleven to “Bronchitis,” nine to “Pneumonia,” one to “Alcoholism,” two to “Parturition,” eight to “Heart Disease,” two to “Accident,” one to “Congenital Debility,” two to “Senile Decay,” and twenty-four to other causes, including Brain, Kidney, etc., Diseases. Total, 97 deaths.

Five Inquests have been held.

Infant Mortality.—The deaths of children under one year of age numbered 16, a marked decrease on last year, when they numbered 27. The causes of death were:—“Measles,” 1; “Diarrhœal Diseases,” 5; “Wasting Diseases,” 3; “Tuberculous Diseases,” 3; other causes, 4. Three of the above were under one month old. The death rate is equivalent to 2·1 per 1,000 of the population, and 78·04 as compared with 1,000 births. I am pleased to state that with one exception this is much the lowest rate recorded in your district for the past thirteen years, the average rate for the years 1899 to 1908 being 125·4.

Zymotic Mortality.—The seven principal diseases, viz.: “Smallpox,” “Measles,” “Scarlet Fever,” “Whooping Cough,” “Enteric Fever,” “Diarrhœal Diseases,” “Diphtheria,” and “Membranous Croup,” account for nine deaths, four being due to “Measles,” two to “Diphtheria,” two to “Diarrhœa,” and one to “Erysipelas,” corresponding to the rate of 1·2 per 1,000 as against 2·05 last year. This, again, is one of the lowest rates I have had the pleasure of reporting.

Respiratory Diseases.—Twenty deaths were due to the three main diseases, viz: Bronchitis, Pneumonia and Pleurisy, being one less than last year, and giving a rate of 2·6 per 1,000. Seven of these were over 65 years of age.

Infectious Diseases.—Ninety-seven cases were notified, twenty-eight more than last year, and of these forty-seven were removed to

your Joint Hospital. I have visited everyone of these infected premises and have regularly laid before you full details of sanitary defects, &c.

Phthisis caused eight deaths, three more than last year, corresponding to a rate of 1.1 per 1,000. Eighty-four cases were notified. Voluntary notification has been in force since 1902, but I still regret that only a very small percentage of the cases affected have been notified, and those only in their final stages. To be of use, early notification is absolutely necessary.

Diphtheria and Membranous Croup.—Eight cases were notified, an increase of three on 1908, and two proved fatal, both being children under five years of age.

Enteric Fever.—Notifications numbered fourteen, a decrease of five on last year, and none of the cases proved fatal. Five were treated at your Joint Hospital.

Erysipelas.—Five cases were notified, of which one died, a person 79 years of age.

Scarlet Fever accounts for over two-thirds of the cases notified, numbering 64, as against 43 last year. Forty were sent to hospital. East Ward was mostly affected, a severe outbreak of some months' duration in the adjoining township no doubt being the cause. I visited all affected schools, but did not find it necessary to recommend the closing of any of them.

Measles has been the cause of four deaths, all children under five years old. As I have before stated, the main remedies to check these repeated outbreaks are "Notification" (on the lines I have suggested) and "Raising the School Age."

No cases have been notified of either Smallpox or Puerperal Fever.

Dairies, Cowsheds and Slaughter-houses are much in the same conditions. The main defects being insufficient ventilation,

light and cubic space. Next year your new regulations come in force, and the desired alterations will have to be made.

Water Supply has been satisfactory both as regards quality and quantity.

Factories and Workshops.—These have been regularly visited, forty-six inspections having been made. Written notices to improve Sanitary Accommodation have been sent in eight cases, and the defects have been remedied. The premises used for Tripe-dressing, to which I have before called your attention, are still in the same condition.

General Sanitary Matters.—During the year two streets (Pemberton Street and Ram Street) have been paved and sewered, but there are several yet that require similar treatment. The scavenging is still in the hands of contractors, and will not be efficiently performed until carried out by your own Authority. A yard, which was much needed, has been taken for Storage purposes.

The erection of a Mortuary, a plan of which you approved two years ago, is, I regret to say, still in abeyance. There is little or no improvement in the “Smoke Nuisance” referred to in former reports.

Fourteen Privy Middens have been converted into Waste Water Closets. I would draw your attention to the urgent need of a proper “Sewage Disposal” in several areas. It is satisfactory to state that the Sewage Works are keeping up their standard of effluent.

I am

Yours obediently,

JNO. HOLT MARSH,

Medical Officer of Health.

TABLE I.

Vital Statistics of Whole District during 1909 and
Previous Years.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.			
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.	
				Number.	Rate per 1,000 Births registered.	Number.	Rate.*
1899	7256	221	30·4	29	131·2	121	16·8
1900	7256	204	28·1	35	171·5	124	17·09
1901	7256	225	31·06	27	120	105	14·4
1902	7294	243	33·3	25	102·8	98	13·4
1903	7294	199	27·2	20	100·5	94	12·8
1904	7294	200	27·4	34	170	99	13·5
1905	7294	211	28·9	19	90·4	109	14·9
1906	7294	194	26·8	30	154·6	104	14·2
1907	7294	216	29·6	16	74	85	11·6
1908	7294	193	26·4	27	139·8	103	14·1
Averages for years 1899-1908.			28·9		125·4		14·2
1909 ...	7294	205	28·1	16	78·04	97	13·2

* Rates in Columns 4 and 8 calculated per 1,000 of the estimated gross population.

Area of District in acres (exclusive of area covered by water), 1,699 statute.

Total population at all ages	...	...	7,294	}	At Census
Number of inhabited houses	...	...	1,683		of
Average number of persons per house	...	...	4·9		1901.

Institutions outside the District receiving sick and infirm persons from the District:—

Joint Fever Hospital, Farnworth; Fishpool Workhouse, Farnworth;
Smallpox Hospital, Ainsworth; Manchester and Bolton Infirmarys.

TABLE III.

Cases of Infectious Disease Notified during the Year 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				
	At all Ages.	At Ages—Years.					1 to 5.	5 to 15.	15 to 25.	25 to 65.	Total cases removed to Hospital.
		1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards					
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) }	8	4	3	1	...	...	...	1	1	...	2
Erysipelas	5	...	...	...	4	1	...	...	...	...	...
Scarlet Fever	64	10	46	5	3	...	4	30	5	1	40
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	14	...	4	3	7	...	...	2	1	2	5
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...
Pul. Tuberculosis... ..	6	1	1	1	3	...	...	...	...	...	...
TOTALS	97	15	54	10	17	1	4	33	7	3	47

TABLE IV.

Causes of, and Ages at, Death during Year 1909.

CAUSES OF DEATH.				DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.						
				All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Smallpox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	4	1	3	..	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup)	...	...	...	2	...	2	...	...	...	...
Croup	...	...	...	...	...	...	...	...	...	...
Fever {	Typhus	...	...	...	...	...	...	...	...	...
	
	
Other continued		...	...	...	...	...	...	...	...	1
	
	
Epidemic Influenza	...	...	...	1	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...
Diarrhoea	...	...	...	2	1	1	...	...	...	...
Enteritis	...	...	...	3	2	...	...	...	...	1
Gastritis	...	...	...	3	2	...	...	...	...	1
Puerperal Fever	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	1	...	...	...	...	...	1
Phthisis (Pulmonary Tuber- culosis)	...	...	...	8	1	1	...	2	3	1
Other Tuberculous Diseases	...	...	...	4	2	1	1	...	...	...
Cancer, Malignant Disease	...	...	...	9	...	...	...	...	6	3
Bronchitis	...	...	...	11	...	2	...	...	3	6
Pneumonia	...	...	...	9	...	3	1	1	3	1
Pleurisy	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...
Alcoholism	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver	...	...	...	1	...	...	...	...	1	...
Venereal Diseases	...	...	...	...	...	...	...	...	...	...
Premature Births	...	...	...	2	1	...	...	...	1	...
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...
Heart Diseases	...	...	...	8	...	...	...	...	7	1
Accidents	...	...	...	2	...	...	...	...	2	...
Suicides	...	...	...	...	...	...	...	...	...	...
Congenital Debility	...	...	...	1	1	...	...	...	...	...
Senile Decay	...	...	...	2	...	...	...	...	...	2
All other Causes	...	...	...	24	5	1	1	2	8	7
ALL CAUSES	...	...	...	97	16	14	3	5	34	25

TABLE V.
Infantile Mortality during the Year 1909.

Deaths from stated Causes in Weeks and Months under one Year of Age.

CAUSE OF DEATH.		Under 1 week.	2-3 weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months,	3-4 Months.	5-6 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES	Certified ...	1	1	1	3	1	3	2	1	1	1	1	1	2	16
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<i>Common Infectious Diseases :</i>															
Measles ...		...	...	...	...	...	...	...	...	...	...	...	...	1	1
<i>Diarrhœal Diseases</i>															
Diarrhœa, all forms ...		...	...	...	...	...	...	...	1	...	...	...	...	...	1
Enteritis, Muco-enteritis, Gastro-enteritis ...		...	...	1	1	...	...	...	...	...	...	1	...	...	2
Gastritis, Gastro-intestinal Catarrh ...		...	...	...	...	1	...	...	...	...	...	...	1	...	2
<i>Wasting Diseases :</i>															
Congenital Defects		1	...	...	1	...	...	...	...	1	...	...	...	...	2
Atrophy, Debility, Marasmus .....		...	...	...	...	...	1	...	...	...	...	...	...	...	1
<i>Tuberculous Diseases :</i>															
Tuberculous Peritonitis :															
Tabes Mesenterica		...	...	...	...	...	...	1	...	...	...	...	...	1	2
Other Tuberculous Diseases		...	...	...	...	...	...	...	...	...	1	...	...	...	1
<i>Other Causes :</i>															
Meningitis (<i>not Tuberculous</i>)		...	...	...	...	...	1	...	...	...	...	...	...	...	1
Convulsions		...	...	...	...	...	1	1	...	...	...	...	...	...	2
Other Causes		...	1	...	1	...	...	...	...	...	...	...	...	...	1
Total		1	1	1	3	1	3	2	1	1	1	1	1	2	16

Population (Estimated to middle of 1909), 7,294.
Births in the year (legitimate), 205.
Deaths in the year (legitimate), 16.
Deaths from all Causes and Ages, 97.

Factory and Workshops Inspection.

INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries)	9	8	—
Workshops (Including Workshop Laundries)	17	—	—
Workplaces	20	—	—
Total	46	8	—

DEFECTS FOUND.

Particulars.	Number of Defects.	
	Found.	Remedied.
<i>Nuisances under the Public Health Acts :—</i>		
Want of drainage of floors	—	—
Sanitary Accommodation {	Insufficient	—
	Unsuitable or defective ...	8
	Not separate for sexes ...	—
Total	8	8

